PTO/SB/21 (09-04) (AW Approved for use through 7/31/2006. OMB 0651-0031

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United the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 10/516,398 **Application Number** TRANSMITTAL December 1, 2004 Filing Date **FORM** Hideaki Oshima et al. First Named Inventor used for all correspondence after initial filing) 2821 Art Unit Examiner Name Total Number of Pages in This Submission 6 + 1 reference Attorney Docket No. **NSG-241US** ENCLOSURES (Check all that apply) Fee Transmittal Form Drawing(s) After Allowance Communication to TC Fee Attached Licensing-related Papers Appeal Communication to Board of Appeals and Interferences Amendment/Reply Petition After Final Appeal Communication to TC Petition to Convert to a Affidavits/Declaration(s) (Appeal Notice, Brief, Reply **Provisional Application** Brief) Power of Attorney, Revocation, **Extension of Time Request Proprietary Information** Change of Correspondence Address Status Letter **Express Abandonment Request Terminal Disclaimer** Other Enclosure(s) (please Information Disclosure Statement identify below): PTO-1449; Request for Refund Search Report and Copy of cited reference CD, Number of CD(s) Certified Copy of Priority Document(s) Landscape Table on CD Remarks: Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY OR AGENT Ratp@rPrestia Firm Name Signature Printed Name Kenneth N. Nigon Date December 6, 2005 Registration No. 31,549 **CERTIFICATE OF TRANSMISSION / MAILING** I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: Signature Typed or Printed Name Patricia C. Boccella Date December 6, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No:

10/516,398

Applicant:

Hideaki Oshima et al. December 1, 2004

Filed: Title:

GROUND WAVE RECEPTION ANTENNA UNIT AND METHOD FOR

ADJUSTING ANTENNA GAIN (AS AMENDED)

TC/A.U.:

2821

Examiner:

To Be Assigned

Confirmation No.:

5051

Docket No.:

NSG-241US

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO/SB/08a. A copy of the reference(s) listed on the PTO/SB/08a other than U.S. patents, is enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

Reference WO 0014824 was cited by a foreign patent office in a counterpart foreign application. A copy of this English language search report, indicating the degree of relevance determined by the foreign patent office is submitted herewith. MPEP Section 609A(3), second paragraph.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

NSG-241US PATENT

This Information Disclosure Statement is being filed before mailing of the first Official Action. No first Official Action has yet been received and it is presumed that none has yet been mailed. No fee or statement is required. 37 C.F.R. § 1.97(b).

Respectfully submitted,

Kenneth N. Nigon, Reg. No. 31,549

Attorney for Applicants

KNN/pb

Enclosures: PTO/SB/08a

(4) References Search Report Transmittal Form

Dated: December 6, 2005

P.O. Box 980Valley Forge, PA 19482(610) 407-0700

P.O. Box 1596
Wilmington, DE 19899
(302) 778-2500

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. 18-0350 of any fees associated with this communication.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on: December 6, 2005.

Patricia C. Boccella

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<b>INFORMATION</b>	<b>DISCLOSURE</b>
<b>STATEMENT B</b>	Y APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/516,398			
Filing Date	December 1, 2004			
First Named Inventor	Hideaki Oshima			
Art Unit	2821			
Examiner Name				
Attack Declar No	NCC 24411C			

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			U.S. PATI	ENT C	OCUMENTS				
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code <sup>2 (if known)</sup>	Publication (MM-DD-Y		Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Wher Relevant Passages or Relevar Figures Appear		
		US-5,675,347	10-07-199		7 Terashima et al.				
		US-5,734,350	03-31-199						
		US-6,614,402	09-02-200		Wendt et a				
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	Cite	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If known)		- Pu	blication Date	Name of Patentee or Applicant of Cited		Pages, Columns, Lines, Where Relevant Passages or Relevant	
	No.1			(MM-DD-YYYY)		Document		Figures Appear	Т
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Examiner Signature				<del>. L</del>			Date Considered		

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Applicant's unique citation designation number (optional).

See Kind Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

<sup>&</sup>lt;sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>&</sup>lt;sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

Applicant is to place a check mark here if English language translation is attached.